

Technological Products 2012



B&B School Supplies
www.bbschoolsupplies.com



From kindergarten



A



B

A. LEGO® Education WeDo™ - Construction set

All the material required to easily assemble several models, that link to a computer for programming. 158 pieces, such as: 1 USB hub, 1 motor, 1 tilt sensor and 1 motion detector. Programming software sold separately (available in French only).

149⁹⁵ 2495026

B. LEGO® Education WeDo™ - Resource set

Designed to serve as a parts supplement for the LEGO® EDUCATION WeDo Robotics Construction Set. Build 4 new, larger models: a Ferris wheel, a tower crane, an intelligent house, and a car. 325 pieces.

57⁹⁵ 2493468

C. LEGO® Education WeDo™ - Software Version 1.2

User-friendly icon programming. Compatible with Windows XP SP, Windows 7 and Mac OS 10.5 +. Available in French only.

Single user 85⁹⁵ 2495083
School license 344⁹⁵ 2495109



C



INFO

This new concept provides a fun and easy way of introducing students age 5 and up to simple robotics.

They build models of machines and animals; attach sensors and a motor that are plugged into the computer and configure behaviours using an intuitive, drag-and-drop software. Perfectly designed to integrate science, technology, math and language concepts in your teaching.



A



A. Technological vocabulary poster / Bilingual

Shows the name of the pieces included in the LEGO® WeDo™ set.
10⁵⁰ 2492502

B



B. M-Motor

Bring your models to life!
9⁹⁹ 2495067

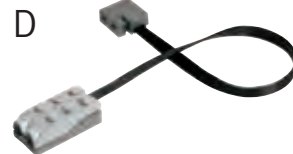
C



C. XL Motor

Powerful motor for your larger creations. 9V. 11⁴⁹ 2339349

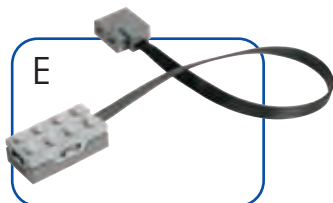
D



D. Motion Sensor

Detects an object up to 15 cm away.
22⁹⁵ 2495042

E



E. Tilt Sensor

Detects six different positions (front, side, etc.). 22⁹⁵ 2495059

F



F. USB Hub

Two-port hub is the link between your robots and the computer.
51⁹⁵ 2495034

G



G. Power Functions Light

White LED lights.
7⁹⁹ 2338648

H



H. Power Functions Extension wires

Sold by the unit.
20 cm
50 cm

3⁹⁹ 2339364
4⁹⁹ 2338697

I



I. Mini figure assortment pack

24 pieces. 13⁹⁵ 2494706

J. LEGO® – Scenery Set

Giant, innovative 1,207-piece set, in rich colours, designed to build a wide variety of settings, models and characters. With special elements such as spiders, wands, treasure chests, flowers, transparent pieces, and free, downloadable activities. A great addition to any LEGO® set. or LEGO® Education WeDo™ set.
97⁹⁵ 2471274

J



Special Offers*

* for a limited time



LEGO® Education WeDo™ (2 students)

The set includes:

Qty	Description
1	LEGO® Education WeDo™ Construction set
1	LEGO® Education WeDo™ Programming software - Single user
1	LEGO® Education WeDo™ Technological vocabulary poster

229⁹⁵ 2495414



LEGO® Education WeDo™ (8 students)

The set includes:

Qty	Description
4	LEGO® Education WeDo™ Construction set
1	LEGO® Education WeDo™ Programming software - School license
1	LEGO® Education WeDo™ Technological vocabulary poster

909⁹⁵ 2495422



LEGO® Education WeDo™ (20 students)

The set includes:

Qty	Description
10	LEGO® Education WeDo™ Construction set
1	LEGO® Education WeDo™ Programming software - School license
1	LEGO® Education WeDo™ Technological vocabulary poster

1779⁹⁵ 2495430

You are fascinated by educational robotics and would like to know more about classroom application possibilities? Whether you wish to discover the LEGO® or ® sets, we have the know-how to help you build your project!

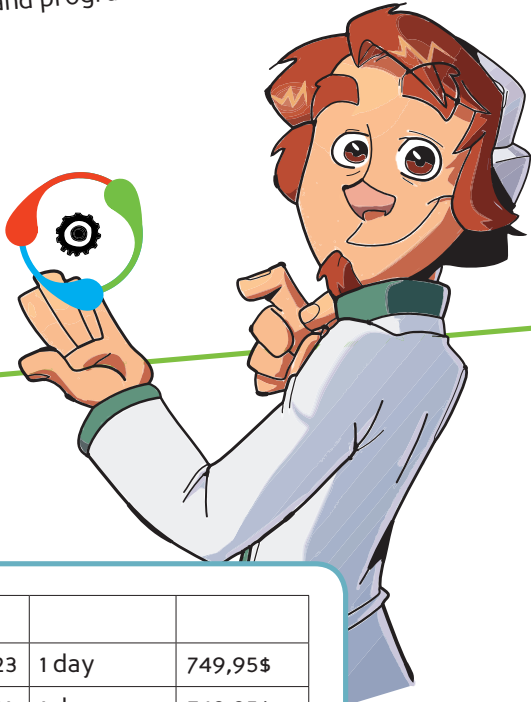
Learn more about our wide range of personalized training sessions, for diverse student groups, in different curriculum areas, and for various levels:

Since we have to start somewhere, let's begin with a tried and tested initiation formula! This first training session will cover robotics basic concepts, a full description of the LEGO Mindstorms NXT robotics kit as well as the main lines to be followed in organizing the materials.

Of course, much of the time will be devoted to using the materials and programming with the software LEGO Mindstorms NXT-G.

Key Points

- » Introduction to robotics;
- » Description of the robotics materials;
- » Classroom organization;
- » Construction of a robot;
- » Programming workshop;
- » First challenges with sensors.



Choose from our different training sessions:

Training Session Name		/		
1	Robotics Training Session - First Steps	2430023	1 day	749,95\$
2	Robotics Training Session - Beyond the First Steps	2430031	1 day	749,95\$
3	Robotics & Science Thematic Training Session	2430049	1 day	749,95\$

Together to learn, play, create.





LEGO® Education WeDo™ Extension Activity Packs

LEGO® Education WeDo™ Extension Activity Packs provide detailed lesson plans, resources, and extension activities delivered in a printed teacher's guide. A CD-ROM including printable versions of all the lessons is also included. These activity packs are designed for use with the WeDo Construction Set, Software, and Activity Pack and include optional extension activities using the Sceneries Set.

Each Activity Pack includes 12 activities that relate to a theme of LEGO® Education WeDo. Each activity covers approximately three hours of classroom time and each theme includes a Learning Grid mapping activities to key standards and learning objectives.

- Included are mathematics, literacy, science, and social studies activities for each model. Additional standards covering visual arts, dramatic arts, music, physical education, and technology are also sprinkled in throughout the lessons.
- 36 hours of classroom time across 12 activities

A. Amazing Mechanisms

57⁹⁵ 2493476

B. Adventure Stories

57⁹⁵ 2493534

C. Wild Animals

57⁹⁵ 2493526

D. Play Soccer

57⁹⁵ 2493492

E. LEGO® WeDo™ Activity guide –

Amerindian legends in the country of Oui-Doux

Step in the Oui-Doux universe, to let your students conclude their legends. Choosing a context setting, characters, traditional artefacts, animals indigenous to the Province of Quebec, and a WeDo™ robot among our selection of 12 new models will allow your students to narrate or even write the ending to Amerindian tales. This is a great way to integrate language, social studies and technology.

59⁹⁵ 2495380





From grade 4

INFO

LEGO® Mindstorms® Education NXT For elementary school and high school students

The LEGO® Mindstorms® Education NXT robotics system is the most widely used robotics system for academic purposes worldwide. It is the perfect tool for learning a variety of science, technology and math concepts!

A. LEGO® Mindstorms® Education - NXT Base Set

The latest generation of LEGO® Education robotics is featured in this essential core 437-piece set which includes:

- 1 NXT Intelligent brick
- 1 rechargeable lithium battery and 1 charger
- 3 servo motors (each with 1 built-in rotation sensor)
- 1 light sensor, 1 sound sensor, 1 ultrasonic sensor and 2 touch sensors
- 3 converter cables (for using existing sensors and motors with the NXT Brick)
- 7 connector cables (one .2M , two .5M, four .35M)
- 3 lights
- 1 USB cable for program transmission
- Hundreds of LEGO® Technic building elements
- 1 plastic storage bin with sorting trays

For students from Grade 3 and up

350⁰⁰ 2491215

A



B. LEGO® Mindstorms® Education - NXT Resource Set

This versatile set includes 817 Technic building elements. The set was specifically designed to complement the LEGO® Mindstorms® Education NXT Base Set, as well as the Mechanisms Set. Use this to build bigger and more complex robots and complete more challenging engineering projects. The set comes complete with a plastic storage bin and sorting trays.

107⁹⁵ 2492981

B



INFO

Which software do I need?

Several options are available for programming your robots. The icon-based LEGO® Mindstorms® Education NXT software is the most popular in educational settings because of its ease of use. ROBOT C is the ideal software for more experienced users wishing to work with a programming language. Finally, LabVIEW is a powerful, industry-standard graphical development environment which has the flexibility of a programming language.



LEGO® Mindstorms® Education - NXT Software version 2.1

2.1 version

This powerful, easy-to-use software for programming and data logging is icon-based and incorporates Robot Educator, a step-by-step guide with 46 tutorials, from beginner to advanced levels. Data-logging functionalities, including graph viewer, make it easy to collect and analyze data from sensors. The software incorporates a comprehensive digital user manual.

System requirements for Microsoft Windows and Apple:

- Windows XP, 7 or Vista, Pentium processor 1 GHz minimum (1.5 GHz recommended)
- Apple OS X, version 10.4, 10.5, 10.6+
- 215 Mb RAM minimum (512 Mb recommended)
- 700 Mb hard disk storage

Single user software

91⁹⁵ 2491009

School license (25 stations)

391⁹⁰ 2491348



LEGO® Mindstorms® Education - Robot C Software

Designed by the Carnegie Mellon Robotics Academy, Robot C is an alternative programming environment for your LEGO® robots. This C-based programming interface is the option to consider if you're looking for something other than the NXT graphics-based tools that are available. Because Robot C works with both the NXT and the RCX, classrooms that integrate both systems can use it to provide a uniform programming environment for either platform. A Robot C curriculum is also available.

System requirements for Microsoft Windows only:

- Windows XP, 7 or Vista, Pentium processor 1 GHz minimum (1.5 GHz recommended)
- 256 Mb RAM minimum (512 Mb recommended)
- 300 Mb hard drive memory

Single user software

91⁹⁵ 2494714

School license (24 stations)

574⁹⁵ 2494722

Teaching Robot C Curriculum – 40 lessons

402⁹⁵ 2493948



LEGO® Mindstorms® Education - Labview™ Education Software

New, education-focused version of NI's professional LabVIEW graphical system design software used by scientists and engineers alike. Developed specifically for high school students to use with the LEGO® Mindstorms® Education robotics platform. Helps students visually control and program Mindstorms NXT robots. Turns any LEGO® Mindstorms® Education set into a full-feature science and engineering learning station, preparing students for university courses and engineering careers where LabVIEW is already used.

Computer configuration:

- Windows XP, Vista, Windows 7
- Mac OS 10.5 +
- 1 Gb RAM
- 1.6 Gb Hard disk space

Single user license

114⁹⁵ 2494052

School license

632⁹⁵ 2494060





Intelligent NXT Brick

This state-of-the-art programmable intelligent brick serves as the brain for LEGO® Education robots. The brick features 4 input ports for taking in data, and 3 output ports for distributing the data as commanded. Programs are transferred from the computer to the brick using a USB cable or Bluetooth technology. 32-bit micro-processor. Powered by 6 AA batteries or the 2492957 NXT Rechargeable Battery (see 2492957 and 2339372).
166⁹⁵ 2491058



NXT Ultrasonic sensor

Works by sending out a signal and then waiting for that signal to return. By measuring the time elapsed during the signal's journey, the sensor can determine the distance from the object, thus enabling your robot to "react" accordingly.
39⁹⁵ 2491116



NXT Sound sensor

This sophisticated sensor provides a new stimulus for directing a robot's actions. The sensor measures dB and dBA, and recognizes sound patterns and tones.
32⁹⁵ 2491108



NXT Light sensor

The NXT Light Sensor is sensitive and precise. It reads light intensity from the surrounding environment, as well as the reflection from the infrared transmitter. It can also determine the light intensity of different colours.
22⁹⁵ 2491082



NXT Touch sensor

This very basic and highly convenient touch sensor is either on or off, depending on the position of the push button. It features a hole for an axle in the push button, giving users more options for incorporating the sensor into their designs.
22⁹⁵ 2491074



NXT Interactive servomotor

This interactive servomotor has a built-in rotation sensor that measures speed and distance, which allows for precise steps and complete motor control within one degree of accuracy.
23⁹⁵ 2491066



NXT Colour Sensor

The NXT Color Sensor is able to perform three unique functions. It acts as a colour sensor, distinguishing among six colours; it works as a light sensor, detecting light intensities – both reflected light and ambient light; and it works as a colour lamp, emitting red, green, or blue light.
37⁹⁵ 2492940



NXT Rechargeable Battery

For use with the NXT Intelligent Brick. 1400 mAh. Fully charges in a maximum of 4 hours. AC Adapter to charge the battery (sold separately).
Single battery 64⁹⁵ 2492957
AC Adapter - Charger 26⁹⁵ 2339372



NXT Bluetooth Dongle

Plug this small dongle into a USB port on your computer to communicate with the NXT Brick using Bluetooth technology, even if your computer isn't Bluetooth enabled.
49⁹⁵ 2491124



NXT Temperature probe

This probe measures the temperature of ambient air or liquid solutions, between -20°C and 120°C.
44⁹⁵ 2492239



NXT Accelerometer sensor

This three-axis accelerometer sensor lets your creation know which way is up and when your robot tilts left or right, up or down, or side to side. It also measures acceleration, so you can model g forces, just like jet fighter pilots and astronauts.
62⁹⁵ 2492213



NXT Compass sensor

This digital compass measures the Earth's magnetic field and can also calculate the magnetic course of your robot, in order to indicate its actual direction.
62⁹⁵ 2491421



Angle Sensor

The HiTechnic Angle Sensor is able to determine the angular position and rotation speed of an axle.
26⁹⁵ 2493260



HiTechnic Magnetic Sensor

The HiTechnic Magnetic Sensor will enable you to build robots that can detect magnetic fields.
26⁹⁵ 2493278



NXT Gyro sensor

This unique axis gyroscopic sensor located on your quartz oscillator allows getting very precise data on the way your robot is positioned. It returns a value representing the number of degrees per second of rotation, allowing the NXT to measure the additional dimension of rotation.
62⁹⁵ 2490555



Infrared sensor

Detects infrared signals emitted by a variety of sources. Also detects their position, which makes it perfect for robot soccer competitions, using the Infrared electronic ball (see 2495273).
62⁹⁵ 2490530



Infrared electronic ball

The ball contains 20 infrared LEDs that are positioned to eliminate blind spots and make sure the IR signal can be detected by your robot.
80⁹⁵ 2495273



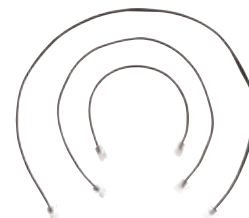
Octopus extension

5-port hub for NXT Brick chargers.
22⁹⁵ 2490274



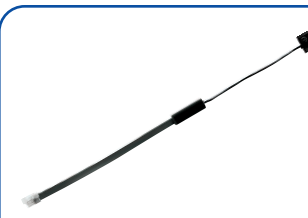
USB Cable

Ensures a fast and easy connection between the NXT Brick and the computer. 91 cm long (3').
6⁹⁵ 2493815



Set of 7 connector cables

(1) 20 cm, (4) 35 cm, (2) 50 cm.
11⁹⁵ 2493435



NXT Converter cables

With these converter cables, connect RCX sensors and motors to your NXT Intelligent Brick. Set of (3) 39 cm cables. 11⁹⁵ 2491223



NXT Color sensor

This colour sensor detects a range of 17 target colours, so you can add a spectrum of colour to your models. 62⁹⁵ 2492585



Exclusive
B
B

Motor controller assembly kit

This assembly kit allows your NXT Brick to send current to and control any type of motor (from the tiny computer fan to the power drill motor). Soldering required. 89⁵⁰ 2495299



RI FD Sensor

This RI FD sensor features 5 transponders which emit frequencies measured by the sensor, thus allowing your robot to react according to these different frequencies. 159⁹⁵ 2493856



Pneumatics Parts Pack

Pneumatics Parts packs. 29²⁵ 2499945



IRLink sensor

The IRLink uses infrared signals to communicate with other components, such as the Mindstorms RCX and the Power Functions motor controller. 62⁹⁵ 2495281



Barometric sensor

This barometric sensor measures the atmospheric pressure and the ambient temperature in several units. Once adjusted to local conditions, it can also calculate the altitude. 62⁹⁵ 2494763



Sensor multiplexer

This Sensor multiplexer features 4 input ports and a single output port to connect to the NXT Intelligent brick. 62⁹⁵ 2492999
For tactile sensors only 33⁹⁵ 2493849



Air Storage Tanks

Air storage Tanks (2x) 18¹⁵ 2499960



Vernier NXT Sensor adapter

The Vernier NXT Sensor adapter allows you to use over 30 analog Vernier sensors to measure everything from temperature to force, light level, and more. 43⁹⁵ 2492643



EOPD Sensor

This EOPD (Electro Optical Proximity Detector) sensor uses an internal light source to detect the presence of an obstacle or determine changes in distance to a target, which gives it great accuracy, even in motion. 62⁹⁵ 2494011



Pneumatics T-Pieces

Pneumatic T-Pieces (25x) 14¹⁰ 2499952



Linear Actuators

Linear actuators (1x) 18¹⁵ 2499978

INFO

Visit www.bbschoolsupplies.com for a complete list of NXT sensors and other accessories.



LEGO® Mindstorms® Education - Vernier sensor NXT Package I

Vernier sensors are compatible with LEGO® Mindstorms® Education NXT using the included adapters.

Set includes:

- 2 Vernier-NXT adapters
- 2 Vernier temperature sensors
- 1 Vernier pH sensor
- 1 Vernier UVB sensor
- 1 Vernier conductivity sensor
- 1 Vernier soil moisture sensor
- Pneumatics components

611⁹⁵ 2493955

Project and lab book featuring Vernier sensor activities

40⁹⁵ 2493898



LEGO® Mindstorms® Education - Vernier sensor NXT Package II

Vernier sensors are compatible with LEGO® Mindstorms® Education NXT using the included adapter.

Set includes:

- 1 Vernier-NXT adapter
- 1 Vernier voltage probe
- 1 Vernier force sensor
- 1 Vernier gas pressure sensor
- 1 Vernier magnetic field sensor
- 1 Luer-Lock connector
- 1 small solar panel (2V, 200mA)
- 1 small solar panel with alligator clip

344⁹⁵ 2493997

Project and lab book featuring Vernier sensor activities

40⁹⁵ 2493989

A



A. NXT Robotics Engineering I: Introduction to mobile robotics curriculum

This introductory CD-based curriculum provides six weeks of robotics instruction, and serves as an exhaustive introduction to the LEGO® Mindstorms Education NXT system and all concepts associated with mobile robotics. Students will progress through activities designed to teach programming, behaviors, systems, control, sensors, feedback, and more. Along the way, they will address key technology and science concepts. This two-CD set includes a student CD and a teacher CD. The teacher CD includes tips, notes, standards addressed, assessment rubrics, and more. The student CD provides great interactive instruction complete with video, building instructions, programming assistance, and much, much more! The CD curriculum can be loaded onto every computer at a single school or institution. Developed at Carnegie Mellon University.

For students age 8 and up. 314⁴⁰ 2491157

B. LEGO® NXT Education - Technological vocabulary Poster

Features the names of components included in the NXT Robotics sets. Bilingual. 10⁵⁰ 2491355

C. NXT Robotics Engineering II: Guided research curriculum

The second in the new series of LEGO® Mindstorms Education NXT curriculum, this more advanced CD-based curriculum provides 12 weeks of guided research and applied engineering robotics projects. When used after students complete the Robotics Engineering I Curriculum, teachers have a full 18-week robotics course. The Robotics Engineering II Curriculum focuses on applied inquiry, motivated design, communications technology, scanning, mapping, and more. Using the Engineering Design Inquiry process, the activities on this CD cover STEM topics. This two-CD set includes a student CD and a teacher CD. The teacher CD includes tips, notes, standards addressed, assessment rubrics, and more. The student CD provides great interactive instruction complete with video tutorials, building instructions, programming assistance, and much, much more! The CD curriculum can be loaded onto every computer at a single school or institution. Developed at Carnegie Mellon University.

For students age 10 and up. 314⁴⁰ 2491207

C



D



B



D. NXT Video Trainer

The NXT Video Trainer provides high-quality, student-tested instruction designed to teach programming. Independent learners will find it a captivating self-paced curriculum. Classroom teachers will appreciate it as an automated teaching assistant, enabling students to learn at their own pace while instructors provide individualized support.

The DVD includes Videos and animations to teach students behavior-based programming, questions at the end of each step to check student understanding, troubleshooting, problem solving, and iterative design.

The NXT Video Trainer provides a simple and effective way of learning NXT programming. Perfect for homeschool, traditional classrooms, and FLL coaches and teams! Developed by Carnegie Mellon Robotics Academy.

308³⁰ 2492551

E. Science & Data Logging Curriculum Pack

Teach students the scientific principles of motion, heat, sound, and light and color using LEGO® Education robots! Students will design and develop robotic prototypes using the powerful features of the NXT Brickto collect and log data and form conclusions that will cement their understanding of important scientific and technological concepts. The Science & Data Logging Curriculum Pack features five standards-based science and technology projects designed to teach scientific methodology and the engineering process as students use sensors to measure speed, heat, light, and sound. Each of the lessons leads up to an engineering activity – Bridge Investigation.

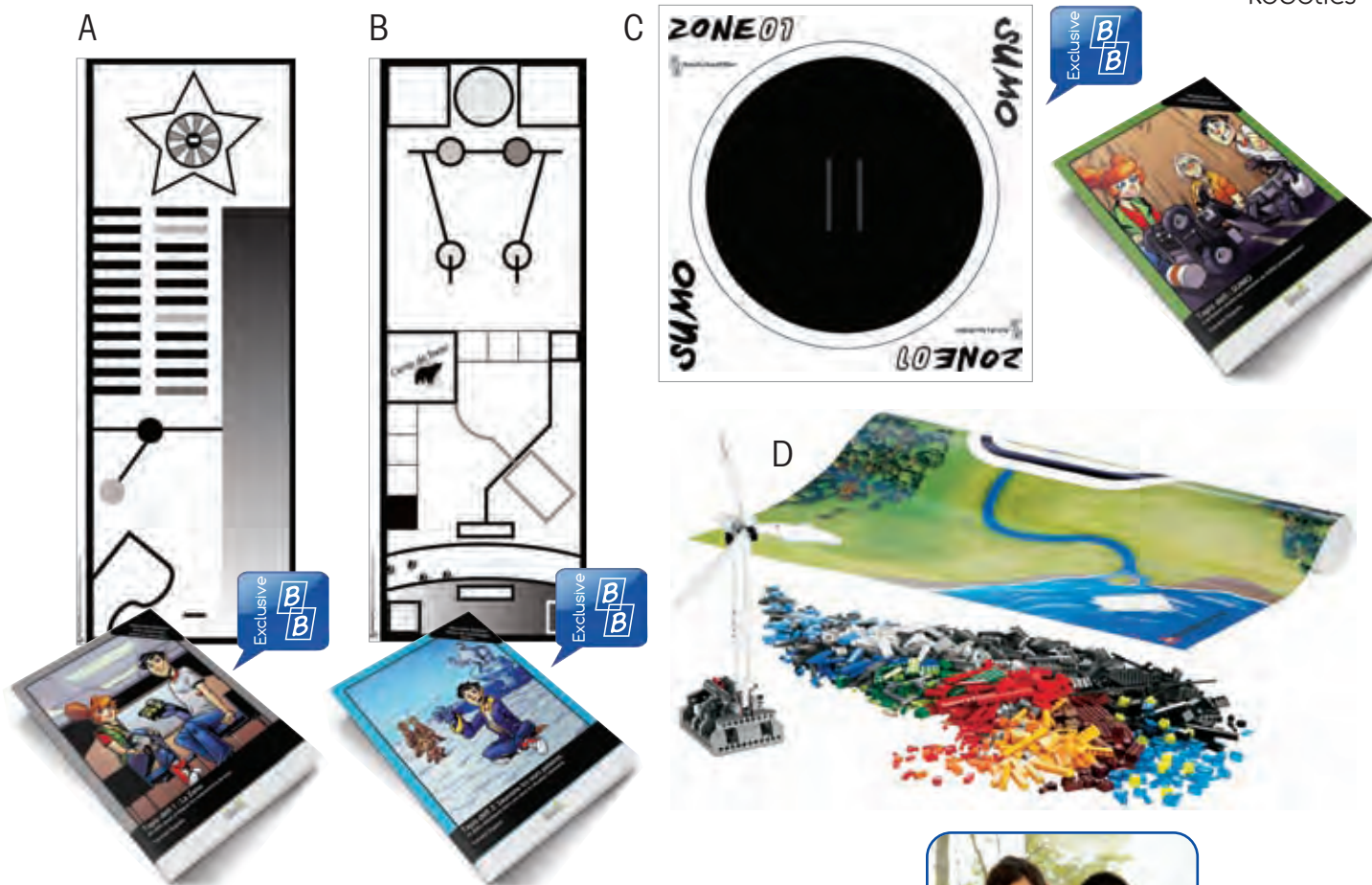
No prior experience with the NXT or programming is required. This product aligns with national math, science, and technology education standards. Unlock the scientific power of the NXT!

Science & Data Logging Curriculum Pack is sold as a classroom license and enables the teacher to place the curriculum on every computer in a single classroom. Developed by Carnegie Mellon Robotics Academy.

197¹⁰ 2492569

E





A. Robotics Challenge Mat #1

Robotics play surface features 10 exciting programming and robot-building challenges. Sturdy vinyl. Activity leaflet included (Bilingual). 91 x 244 cm (3' x 8'). For NXT and RCX robots. **82⁹⁵ 2490035**

B. Robotics Challenge Mat #2 – Saving the Polar Bears

Introducing the second robotics challenge mat. The students' mission is to save the polar bears from the perils of global warming. Features more than 15 rule-driven, point-earning challenges: component building, robot programming and more. Sturdy vinyl. Activity leaflet included (Bilingual). 91 x 244 cm (3' x 8'). For NXT and RCX robots. **82⁹⁵ 2490738**

C. Robotics Sumo combat mat

Sumo combat mat for robots. Sturdy vinyl. 122 x 122 cm. Includes teacher's guide (in French). **69⁹⁵ 2495323**

D. LEGO® Mindstorms® Education - The Green City Challenge Set

This robotics challenge involves building an energy-efficient city and programming robots to complete tasks such as powering a wind turbine and closing a dam. The set includes 3 training mats, a challenge mat, and more than 1,300 components to build a variety of green city models. This is an Add-on set to the LEGO® Mindstorms® Education Base Set (see 2491215) and Software (see 2491009 & 2491348) and requires the LEGO® Mindstorms® Activity Pack for Green City (see 2493088). **188⁹⁵ 2493054**

E. LEGO® Mindstorms® Education - The Green City Challenge Activity Pack

This CD features 7 easy-to-follow training activities, each supported by student worksheets, providing a step-by-step introduction to the LEGO® Mindstorms® Green City. Comprehensive teacher notes included. Provides up to 45 hours tuition. **134⁹⁵ 2493088**

F. Storage system

Clever, convenient rack system features 4 utility boxes, bulk storage under the lid, clear front cover. Made of high-impact resistant plastic. 33.3 x 25 x 35 cm high. A complete NXT set (and more) can be stored in this box. **46⁵⁰ 2117513**



E. Utility box with compartments

Sturdy plastic box features 6-21 adjustable compartments. With stable and safe latching system. Easily store and retrieve a variety of small accessories. Clear. 27.5 x 18 x 4.5 cm. **71⁴ 2117521**

H. LEGO® Storage box and tray

Extra-large	18 ⁵⁰	2470540
Medium / grey	9 ⁹⁵	2493831
Medium / grey	9 ⁹⁵	2493823
Large tray with compartments	6 ⁹⁵	2493807





Workstation (for 2 to 4 students)

All the material required for a workstation in your classroom.

Description	Item #	Qty
LEGO® Mindstorms® NXT Education set	2491215	1
LME NXT software version 2.1 (single user) / bilingual	2491009	1
LEGO® NXT Education Technological vocabulary poster	2491355	1

A \$ 48 SAVING!

SPECIAL: 429 \$ 2495448



Basic classroom solution (for 2 to 4 students per set)

The whole class will discover the power of this learning tool.

Description	Item #	Qty
LME NXT software version 2.1 (multi user) / bilingual	2491009	1
LEGO® NXT Education Technological vocabulary poster	2491355	1

8 LEGO® Mindstorms® NXT Education Sets

A \$ 129 SAVING!

SPECIAL: 3096 \$ 2495455

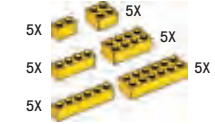
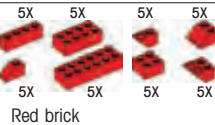
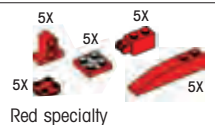
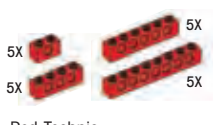
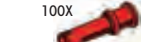
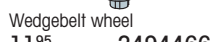
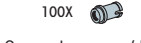
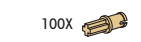
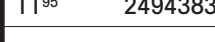
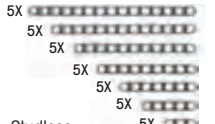
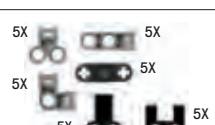
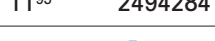
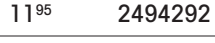
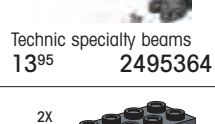
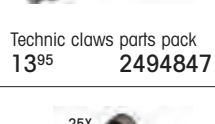
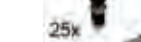
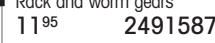
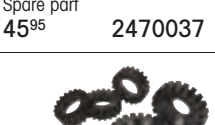


12 LEGO® Mindstorms® NXT Education Sets

A \$ 171 SAVING!

SPECIAL : 4454 \$ 2495463



LEGO® Education WeDo™		Linking parts	Movement parts	
 Yellow brick misc pack 13 ⁹⁵	 Yellow specialty brick pack 18 ⁹⁵	 100X Connector peg w/ friction 11 ⁹⁵	 5X 5X 5X 5X 5X Mechanisms misc gear assortment pack 13 ⁹⁵	 30X 30X O-Ring and Pulley Wheels 11 ⁹⁵
 Red brick misc pack 13 ⁹⁵	 Red specialty elements pack 18 ⁹⁵	 100X Connector peg w/ friction 3 M 11 ⁹⁵	 25X 40-Tooth gear 11 ⁹⁵	 25X Steering Wheels 11 ⁹⁵
 5X 5X 5X 5X 5X 5X 5X 5X Misc WeDo™ assortment pack 17 ⁹⁵	 5X 5X 5X 5X 5X 5X Red Technic brick assorted pack 11 ⁵⁰	 100X Connector peg w/ bushing 11 ⁵⁰	 50X 24-Tooth gear 11 ⁹⁵	 10X Wedgebelt wheel 11 ⁹⁵
 10X Red Technic brick pack 1 x 16 11 ⁹⁵	 5X 5X 5X 5X 5X 5X 5X 5X White plate pack 11 ⁹⁵	 100X 1/2 connecting bushing 11 ⁹⁵	 50X 24-Tooth crown gear 11 ⁹⁵	 25X Bobbins 11 ⁹⁵
		 100X Connector peg w/ knob 11 ⁹⁵	 50X 16-Tooth gear 11 ⁹⁵	 25X Red band 8 cm 11 ⁹⁵
		 100X Connector peg / cross axle 11 ⁹⁵	 100X 8-Tooth spur gear 11 ⁹⁵	 25X Yellow band 10.5 cm 11 ⁹⁵
LEGO® Mindstorms Education NXT		 100X Bush for cross axle 11 ⁹⁵	 25X 36-Tooth double conical gear 11 ⁹⁵	 100X 2M Cross Axles 11 ⁹⁵
 5X 5X 5X 5X 5X 5X 5X 5X Studless technic beams (35 pieces) 13 ⁹⁵	 5X 5X 5X 5X 5X 5X 5X 5X Technic angle beams (30 pieces) 13 ⁹⁵	 100X 1/2 bushing 11 ⁹⁵	 25X 20-Tooth double conical wheel 11 ⁹⁵	 100X 3M Cross Axles 11 ⁹⁵
 5X 5X 5X 5X 5X 5X 5X 5X Cross block (30 pieces) 13 ⁹⁵	 15X 15X 15X 15X 15X 15X Technic beams with snaps 13 ⁹⁵	 50X Catch 11 ⁹⁵	 25X 12-Tooth double conical gear 11 ⁹⁵	 50X 4M Cross Axles 11 ⁹⁵
 10X 10X 10X 10X 10X 10X Half beams with curve 13 ⁹⁵	 5X 5X 5X 5X 5X 5X 5X 5X Levers and half beams 13 ⁹⁵	 50X Catch w/ cross hole 11 ⁹⁵	 2X NXT Turntable 13 ⁹⁵	 50X 5M Cross Axles 11 ⁹⁵
 5X 5X 5X 5X 5X 5X 5X 5X Technic specialty beams 13 ⁹⁵	 20X Technic claws parts pack 13 ⁹⁵	 50X Cross block 90 11 ⁹⁵	 10X Gear casings 11 ⁹⁵	 50X 6M Cross Axles 11 ⁹⁵
 2X Weight elements 11 ⁹⁵	 25X Technic triangle 11 ⁹⁵	 50X Lift arm 11 ⁹⁵	 5X Gear blocks 11 ⁹⁵	 50X 8M Cross Axles 11 ⁹⁵
		 25X 25X Specialty connector pegs 11 ⁹⁵	 10X 10X Rack and worm gears 11 ⁹⁵	 50X 10M Cross Axles 11 ⁹⁵
		 25X Cam wheel 11 ⁹⁵	 50X 2 x 2 Skid Plates 11 ⁹⁵	 50X 12M Cross Axles 11 ⁹⁵
				 100X Assorted tire pack 22 ⁹⁵
				 11 ⁹⁵
				 11 ⁹⁵
				 45 ⁹⁵
				 11 ⁹⁵

INFO

Visit www.bbschoolsupplies.com for a complete list of LEGO® Education add-on components.



A. LEGO® Tetrix™ Education - Base set

The Tetrix™ Education Base set has everything needed to build metal Tetrix robots that can be controlled by the LEGO® Mindstorms® NXT Intelligent brick (sold separately, see 2491058). This set includes a CD-ROM, developed by Carnegie Mellon Robotics Academy, that introduces users to the Tetrix building system and provides key hardware basics and select programming fundamentals for first-time users.

Also included in the set:

- Tetrix™ Construction set
- Tetrix™ Getting started guide
- LEGO®-Tetrix™ connectors
- Motor controller
- Servo controller
- 12V NiMH rechargeable battery and charger

689⁹⁵ 2495174

B. LEGO® Tetrix™ Education - Resource set

Add this Resource set to your Tetrix™ by Pitsco collection and build bigger and more complex robots and complete more challenging engineering projects. Includes 40 metal building elements and comes complete with a convenient storage bin.

195⁹⁵ 2495133



Perfect Combo Promotion



LEGO®-Tetrix™ Education - Promo

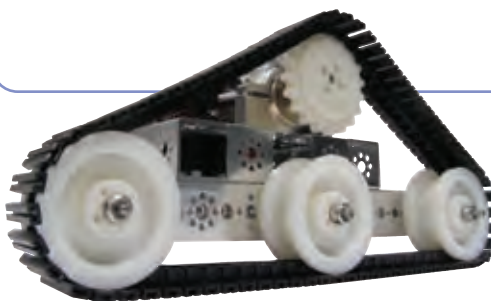
This perfect combo pack includes:

- 1 LEGO® Tetrix™ Education Base set
 - 1 LEGO® Mindstorms® Education NXT set (programming software sold separately – see page 4)
- Regular price \$ 1,039.95
Limited time offer.
Special \$ 999 - A \$ 30 saving!

1009⁹⁵ 2495331

INFO

Visit www.bbschoolsupplies.com for a comprehensive introduction to the Tetrix® building system and a detailed list of all add-on components and accessories available.



A. Engineering with NI LabVIEW: High School Robotics Activities

This activity set features a series of 10 progressive building and programming units that introduce students to LabVIEW for LEGO® MINDSTORMS with LEGO® MINDSTORMS NXT and TETRIX® by Pitsco. With these activities, students put the engineering design process into practice in an assistive robotics theme, providing real-world scenarios and open-ended challenges. In addition to a printed teacher guide, separate teacher and student CD-ROMs are included. The student CD features an interactive interface that enables easy access to printable worksheets and quizzes; instructional videos that walk students through programming in LabVIEW for LEGO® MINDSTORMS; and a toolbox that includes a parts library, glossary, and more. The teacher CD includes all of these items plus answer keys and programming solutions, assessment rubrics, robot building instructions, and digital versions of teacher notes. The activities provide a minimum of 30 hours of class time and include extension ideas to expand the use of the hardware and software. 347⁹⁵ 2499937

B. LEGO®-Tetrix™ - Tank tread kit

Give your robots the traction needed to cover rough terrain or create conveyor belts. This kit provides everything needed to add up to 2 meters of tank tread. Made of highly durable Delrin®. Easy to snap together and apart. 114⁹⁵ 2493708

C. LEGO®-Tetrix™ - Connectors

Connect your LEGO® Technic pieces to your Tetrix™ system. Pack of 12. 11⁹⁵ 2492205

D. LEGO®-Tetrix™ - 12V NiMH Rechargeable battery pack

Powers your Tetrix™ System. 2000mAh. 57⁹⁵ 2492130

E. Charger

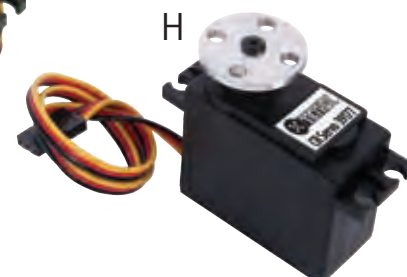
40⁹⁵ 2492148

LEGO®-Tetrix™ - DC Motors

F. 12V Drive motor - 152 rpm 34⁹⁵ 2493732

G. 180° Servo 28⁹⁵ 2493765

H. Continuous rotation servo 30⁹⁵ 2493757



INFO

Visit www.bbschoolsupplies.com for a list of Tetrix® building system add-on components.

A



INFO

Early Science and Technology

DUPLO® sets allow younger students to take their first steps in science and technology by exploring basic mechanical principles such as gears, levers, pulleys, wheels and axles. Sets offer the mechanical models necessary to provide such learning opportunities and come with an educational guide written by teachers for classroom use. Also available is a structure-related concepts set. For kindergarten through grade 2.

C. Duplo® - Early simple machines set III

With this set, students build fun and simple models like a seesaw, rolling vehicle, spinning top, raft, and many more. By playing with and manipulating the models, they experience pulleys, levers, gears, and wheels and axles, while exploring energy, buoyancy, and balance. 102-piece set includes full-colour activity cards with pictorial instructions for 8 models and a plastic punch-out sheet with eyes, sails, scales, and wings. Comes in a sturdy plastic bin. For 2 to 3 students. 137⁹⁵ 2490084

Early simple machines III Activity pack CD

More than a dozen problem-solving activities. Bilingual. 39⁹⁵ 2490068

B. Duplo® - Early structures set

Set features specific components to explore basic structure concepts, such as balancing, strength, stability and moving parts, and develop design and problem-solving skills. 107-piece set also includes teacher notes with support for 16 activities, 14 investigation and problem-solving cards, and an inventory list. Comes in a storage bin. For 2 to 3 students. 114⁹⁵ 2461267

C. Duplo® - Tech machines set

With this fun and engaging set, students take their first steps into science and technology by learning about machines, the tools used to work on machines, and their functions. Sea, ground, air and space travel-themed, 111-piece set comes with 4 screwdrivers, integrated screws that click into place, reels, hooks, scoops, and propellers. An activity pack is also included that features story starters, problem-solving tasks, and full-colour illustrations. Comes in a storage bin. 206⁹⁵ 2490027

B



INFO

See pages 19-22 to complete your collection of LEGO® Education sets.

C





A. Simple and motorized mechanisms base set

Students will build and explore machines and mechanisms, investigate motorized machines, calibrate and capture wind, and study gearing mechanisms with this core brick set. Contains 396 LEGO® Technic elements and full-colour building instruction booklets for 10 principle models and 18 main models. Requires 6 AA batteries. Comes in a sturdy storage bin with sorting tray. For 2 to 4 students. From 4th grade. 160⁹⁵ 2491264

B. Simple and motorized mechanisms Activity pack

Includes (12) 45-minute lessons, 4 extension activities, worksheets, a glossary, teacher notes, and animations on CD-ROM. Also included are 4 lesson plans and 2 additional extension activities. In a three-ring binder. Bilingual. 126⁹⁵ 2494987

C. Simple machines set

This hands-on set is an excellent solution for introducing students to key simple machines and physical concepts such as gears, pulleys, levers, and wheels and axles through observation, reasoning, prediction, and critical thinking required to create simple to more complex models. Includes 204 elements and building instructions with element overview for easier model building and classroom management. From 1st grade. 57⁹⁵ 2493542

D. Simple machines set Activity pack

Features a series of 16 principle activities, 4 main activities, and 4 problem-solving hands-on activities. Includes teacher notes, student worksheets, images for classroom use, classroom management tips, and a glossary. Bilingual. 74⁹⁵ 2493559



A



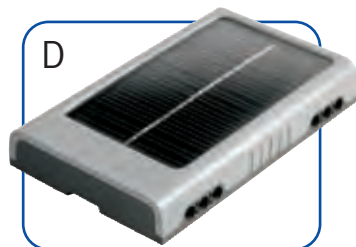
B



C



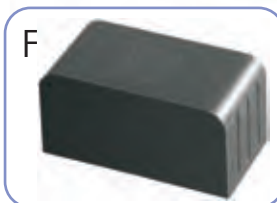
D



E



F



INFO

Combine the LEGO® Education Renewable Energy Add-on Set with the LEGO® Mindstorms® Education NXT Base Set (see page 4), and explore a whole new technological dimension!

A. Renewable energy Add-on set

With this add-on set for the Simple and motorized mechanisms set (see 2491264), students explore renewable energy sources; investigate energy supply, transfer, accumulation, conversion, and consumption; and use measurements and data analysis to describe and explain outcomes through hands-on activities and exciting, real-life models. The set can also be combined with the LEGO® Mindstorms® Education NXT Base set (see 2491215) to experiment using the three main energy sources – solar, wind, and water – to generate, store, and use power. 12 pieces, including a solar panel, a generator and an energy meter. 3rd grade and up. 114⁹⁵ 2492759

B. Renewable Energy Activity Pack

This activity pack features up to 23 hours of hands-on learning experiences using the LEGO® MINDSTORMS® Education Base Set and the Renewable Energy Add-On Set with the MINDSTORMS Energy Parts Pack. Building instructions are provided to create a hand generator, a solar station, and a wind turbine. The pack includes nine detailed lesson plans and four open-ended extension activities. These activities provide students with opportunities to build, program, operate, innovate, observe, and think critically about a working power station with connections to real-world use of renewable energy in their own community and around the world. All activities include building guides, NXT sample programs, programming guides, and reproducible worksheets. 116²⁵ 2499986

C. Renewable Energy Activity pack

The Renewable Energy Activity Pack comes on a CD-ROM and includes (6) 45-minute lessons and 4 problem-solving activities that enable students to explore renewable energy sources; investigate energy supply, transfer, accumulation, conversion, and consumption; and use measurements and data analysis to describe and explain outcomes. Also includes a wide range of real-life images, teacher's notes, student worksheets, and a glossary. Bilingual. 77⁹⁵ 2492825

H



D. LEGO® Education- Solar panel

Provides sufficient power to operate the LEGO® Energy meter and motors. Delivers 5V, 4mA in direct light from a 60W incandescent bulb positioned 25 cm from the solar panel (2000 lux). 45⁹⁵ 2493120

E. Energy display

This element displays energy storage level in joules and input and output in volts, watts, and amps. Combine with the LEGO® Energy storage (see 2493138) to form the LEGO® Energy Meter. Can also be used as a sensor with the NXT Programmable brick. 57⁹⁵ 2493138

F. Energy storage

This NiMH battery with connector is designed to be combined with the Energy display (see 2493138) to form the LEGO® Energy meter. Storage capacity: 150 mAh. 19⁹⁵ 2493146

G. Pneumatics Add-on set

This add-on set for the Simple and motorized mechanisms set (see 2491264) introduces students to the basics of pneumatics. Explores power systems and components, sequence and control, pressure, prototyping, kinetic and potential energy, and much more. Features 16 model and 2 problem-solving activities, 31 specialty elements, including pumps, cylinders, valves, an air tank, tubes, and a manometer. 66⁹⁵ 2490993

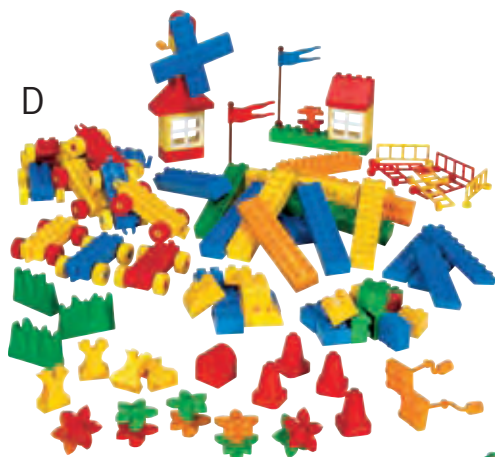
H. Pneumatics Activity pack

The Pneumatics Activity Pack comes on a CD-ROM and includes 14 principle model activities, (4) 45-minute pneumatics lessons each with extension activities, and 2 additional problem-solving tasks, video clips of real-life machines, printable worksheets, and teacher materials. 5th grade and up. 77⁹⁵ 2495356

G



Symbolic Play Materials



LEGO education



A. Duplo – Basic tubes

For 2 to 4 children. 147-piece set features interlocking tubes, 4 coloured balls, play figurines and pieces with windows. Designed to let children discover the notions of gravity and movement as well as understanding the principles of cause and effect in a fun, dynamic way. Comes in a storage bin. 120⁹⁵ 2461796

B. Duplo – City

For 2 to 4 children. 215-piece set designed so that children may translate abstract notions related to their environment into concrete structures and play. Features 3 small base plates, 4 windows, 6 vehicle bases, special-shape or decorated bricks and 8 play figurines. We recommend storing in 2 bins (see 2470540 on page 21). 108⁹⁵ 2461887

C. Duplo – Giant set

For 6 to 8 children. Huge 550-piece set features basic bricks, decorated bricks, play figures and special pieces designed to build houses, cars and planes. Includes new pastel-coloured bricks, silk-screen printed pieces, and appealing model cards. We recommend 2 storage bins (2470540 - see page 21). 206⁹⁵ 2461861

D. Duplo – Special elements set

This 109-piece set is a great way to spice up existing Duplo sets with wagons, flowers, grass, flags, windows, doors and much more. 105⁹⁵ 2460020

E. Duplo – Additional bricks

144-brick set, in a variety of colours and shapes. 52⁹⁵ 2460251

F. Duplo - Large doll set

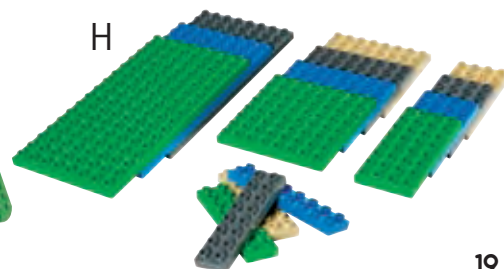
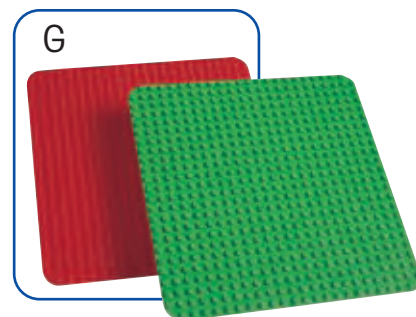
For 2 to 4 children. Features 4 big 15 cm high dolls and 2 babies, kitchen and bedroom furniture sets, plus a variety of fun accessories. Ultra sturdy plastic dolls. 87 pieces in all. Compatible with all Duplo sets. Comes in a storage bin. 149⁹⁵ 2460194

G. Duplo – Base plates

Set of 2 large 38 x 38 cm Duplo building plates. 30⁹⁵ 2460053

H. Duplo – Small building plates

Set includes 15 building plates, in 4 different sizes and colours (blue to represent the sea, green, the grass, grey, concrete, and beige, the sand). There are three 12.5 x 25.5 cm plates, four 12.5 x 12.5 cm plates, four 6.3 x 12.5 cm plates and four 3 x 12.5 cm plates. 46⁹⁵ 2460038



INFO

Duplo dolls

Children will be immediately attracted to these charming Duplo dolls, because they really look like 3- or 4-year-olds and come with a variety of appealing accessories, including their own baby dolls. Duplo dolls provide the perfect setting for endless hours of storytelling and role-play, and help children learn how to socialize, interact with each other, as well as experiment with language and develop their intellect. Playing in a such realistic, domestic environment also fosters self-awareness and a sense of identity.



A. Duplo - Wild animals

For 2 children. 98-piece set designed to discover the habitat of animals living in North America, the savanna, jungle, North Pole or near watering points. Includes palm trees, rocks and several highly-attractive animals such as hippos and crocodiles with articulated jaws. Comes in a plastic storage bin. 114⁹⁵ 2460103

B. Duplo - Rescue services

For 2 or 3 children. 130-piece set used to bring 3 popular themes to life: the hospital, and police and fire-fighting services. Includes figurines, 1 ambulance, 1 helicopter and 1 fire truck. Comes in a plastic storage bin. 183⁹⁵ 2460095

C. Duplo - Vehicles

For 2 or 3 children. 56-piece set designed to explore a wide range of ground and air vehicles, as well as their respective drivers and passengers.

Features 1 car, 1 tow truck, 1 school bus, 1 garbage truck, 1 mail motorcycle, 1 airplane, 1 mailbox, 2 bus stops and 5 road signs. 97⁹⁵ 2461937

D. Duplo - Multiethnic families

Set of 16 play figures, divided into 4 families, of different ethnic backgrounds, and each made up of a father, a mother, a son and a daughter. Enhances feelings of belonging and self-esteem, and instills respect and an understanding of cultural and generational differences. Great with all Duplo sets. 46⁹⁵ 2460384

E. Duplo - Community people set

Set of 20 play figures of different gender, age and ethnic background, playing an important role in the community. Includes, among others, 1 construction worker, 1 miner and 1 police officer. Enhances verbal skills and enriches vocabulary. Ideal on its own, or as a complement to other sets featured on this page. 46⁹⁵ 2460236

F. Duplo - Playhouse Set

125-piece set designed to build a single family detached house and the façade of a garden pavillion. With easy-to-handle, large panels to design different types of houses. Includes 1 family with grandparents, 1 dog, 1 swing, 1 stroller, furniture and free, downloadable activities. Comes in a plastic storage bin. 120⁹⁵ 2461929

G. Duplo - Farm Set

150-piece set provides everything needed to build 1 barn featuring a cowshed, stable, hog house and bale hoist, 1 house façade, and 1 hen house. Includes 1 tractor with trailer, figures, furniture, animals, troughs, fences, accessories and free, downloadable activities. Comes in a plastic storage bin. 149⁹⁵ 2461945

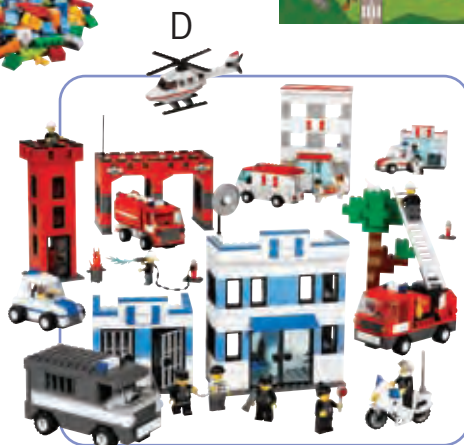
INFO

Discover free downloadable activities at legoeducation.com.





LEGO education



A. LEGO® - Giant brick set

For 4 to 6 children. Huge 1,906-piece set used to build a theme park, zoo, main street and more. Aside from standard bricks, set includes transparent bricks, base plates, original pieces, figurines and 4 brick separators to make pulling apart models a breeze. Comes in a plastic storage bin. 229⁹⁵ 2471290

B. Build your city Play mat

Erect the buildings of your city. 100 % nylon mat is wear, stain and static-resistant, and features triple thickness, sturdy, skid-proof, rubber backing, and double stitching edges to prevent fraying. Wash with carpet shampoo. 200 x 96 cm. 56⁹⁵ 2112332

C. LEGO® - Animal Set

For 4 to 6 children. This large 1,081-piece set is designed to discover all about animals and their habitat, within 4 different themes – savannah, farm, ocean and prehistory – as well as build vehicles. Includes minifigures, accessories, 5 double-sided model and building idea cards, and free, downloadable activities. Comes in a plastic storage bin. 120⁹⁵ 2471241

D. LEGO® - Rescue Services Set

For 4 children. Set of 1,490 pieces designed to build real-life police and fire stations, a hospital and all the vehicles required to help people in need or in danger. Includes 4 double-sided cards with models, minifigures and downloadable, free, activities. 162⁹⁵ 2471225

E. LEGO® - Harbour Set

For 4 children. 906-piece set designed to recreate a busy harbour through 4 main themes that can be built at the same time: industrial harbour, beach life, harbour shops and ship yard. Includes (4) 6.4 x 6.4 cm and (5) 6.4 x 12.8 cm building plates for stable model building, and 5 inspiration cards with model and building ideas. In a storage bin. 139⁹⁵ 2460061

F. LEGO® - Table for 3 children

Beautiful, solid hardwood LEGO® play table, features a handy storage compartment in the center, 3 base plates 37.5 x 37.5 cm, in matching colours, compatible with LEGO® and Duplobricks, and 3 chairs. Assembly required. Table is 96.2 x 96.2 x 56.2 cm high. Chairs are 32.5 x 32.5 x 57.9 cm high. 291⁹⁵ 2002293

G. LEGO® - Storage bin

Large storage bin made of sturdy plastic, with drainage holes so that LEGO® elements can be washed directly in the container. Stackable. Blue, with transparent lid. Sold empty. 42 x 30.5 x 26 cm high. 19⁹⁵ 2470540

H. LEGO® - Green Flip Top Playtable

Enables children to build with regular LEGO® DUPLO® bricks on one side or, by flipping the tabletop (no tools necessary), with SYSTEM bricks on the other (bricks sold separately). Features rails underneath that accommodate the X-Large Blue Storage Bin (see 2470540) which can act as a drawer for brick storage. Assembly required. Durable hardwood table measures 67.5 x 67.5 x 50 cm high, and is just the right height for standing, kneeling, or sitting during play. 323⁹⁵ 2003424

F



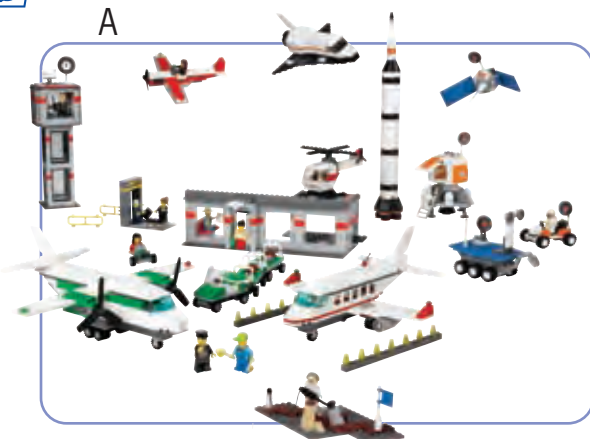
G



H



A



B



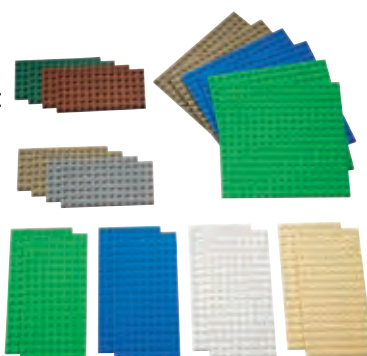
C



E



F



D



A. LEGO® – Space and Airport Set

For 4 to 6 children. This beautiful 1,176-piece set allows children to build 1 airport, 3 airplanes, 1 helicopter, 1 baggage vehicle, 1 rocket, 1 space shuttle and space exploration vehicles. Includes minifigures, various accessories, 5 double-sided model and building idea cards, and free, downloadable activities. Comes in a plastic storage bin. 154⁹⁵ 2471258

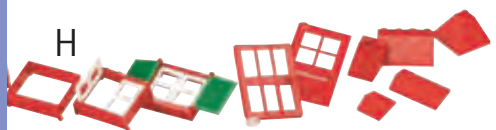
B. LEGO® – Vehicle Set

For 4 to 6 children. With this dynamic 934-piece set, build a variety of vehicles: 1 bus, 1 garbage truck, 1 front loader, 1 ice cream truck and more. Includes minifigures, accessories, 5 double-sided model and building idea cards, and free, downloadable activities. Comes in a plastic storage bin. 120⁹⁵ 2471233

G



H



C. LEGO® – Community People Set

Set features indispensable people from everyday life in a community, such as a policeman, a postman, hospital staff, a mechanic and many more. Includes 22 minifigures, plus a variety of accessories such as food, animals, a laptop and a bicycle. Great to add life to any LEGO® town. 57⁹⁵ 2460079

D. LEGO® – Fairytale & Historic Minifigure Set

227-piece set features 22 minifigures and great accessories that enable children to act out fairytales and popular themes. Includes pirates, wizards, a king and queen, knights, mermaids and many more. 57⁹⁵ 2460087

E. LEGO® – Scenery Set

Giant, innovative 1,207-piece set, in rich colours, designed to build a wide variety of settings, models and characters. With special elements such as spiders, wands, treasure chests, flowers, transparent pieces, and free, downloadable activities. A great addition to any LEGO® set. or LEGO® Education WeDo™ set. 97⁹⁵ 2471274

F. LEGO® - Small building plates

Set includes 22 building plates, in 3 different sizes and a variety of colours: blue(sea), green (grass), beige (sand), grey (concrete), and brown (earth). A stimulating addition to your brick sets. 33⁹⁵ 2471282

G. LEGO® – Extra Bricks Set

884-brick set, in a variety of colours, sizes and shapes. Ideal for open-ended construction play. 60⁹⁵ 2471266

H. LEGO® – Doors, windows and roof tiles

278-piece set features windows with shutters, doors and roof tiles, in a variety of sizes. 45⁹⁵ 2470896

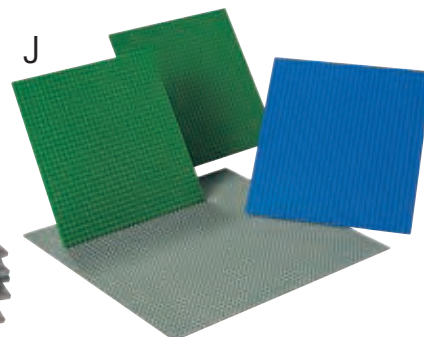
I. LEGO® – Wheel Set

286-piece set includes tires in 4 different sizes along with plates, axles and wheel hubs to make up to 16 different vehicles at the same time. 45⁹⁵ 2470037

J. LEGO® – Base plates

Features 1 grey plate 38 x 38 cm, 2 green plates and 1 blue plate 25 x 25 cm each. 33⁹⁵ 2470912

J



I



INFO

LED Lighting

The new LED diodes emit cold light and have a life time of 10,000 hours.

A



B



C



INFO

Digital Microscopes

Easy-to-operate scopes encourage hands-on exploration. Record videos and capture high-quality, steady images. Feature DEL lighting. Powered by USB connection to a computer: no batteries required. Download information to your computer, class website, virtual learning network or assessment files. Use with an interactive whiteboard, projector or computer to demonstrate to larger groups. Include a user guide.

D



A. Pocket microscope

30 X. Fascinating magnifying power. Uses 2 "AA" type alkaline batteries (not included). **12⁹⁵ 2333045**

B. LED Microscope

Microscope features cool LED illumination, 10,000 hour bulb life, monocular head, wide field 10 X eyepiece, 4 X, 10 X and 40 XR objectives, and coarse focusing. Includes a dustcover and instruction manual.

164⁹⁵ 2337103

Cordless, rechargeable (50 hour continuous use per charge)

181⁹⁵ 2337111

C. Stereomicroscope

Binocular microscope makes objects appear in three dimensions. Each features: cool LED illumination, 10,000 bulb life, 2 wide field 10 X eyepieces, 20 X and 40 X magnification. With dustcover and instruction manual.

319⁹⁵ 2337228

D. Twist Flexible digital microscope

10 to 200 X magnification; 41-cm long, flexible gooseneck; built-in microphone to record and describe investigations and inquiries, then download them to a PC or Mac via USB port; SEN switch jack where an adaptive device (not included) can be plugged in to physically assist students with special needs; measurement software to make accurate measurements and add dimensions to captured images.

Resolution: 1.3 M pixels (1280 x 960).

OS support: Microsoft® Windows XP and Vista.

Age: 3 +

144⁹⁵ 2331841

E. Zoomy Handheld digital microscope

Award-winning, ergonomic scope with top focusing ring and single shutter button; 35 to 53 X magnification; great for lab reports and presentations; works with almost any computer – unit is automatically recognized as USB device; download software from manufacturer's site.

Resolution: 640 x 480 pixels.

OS support: Microsoft® Windows 98SE, ME, 2000, XP, Vista, and 7, and Mac OSX 10.4.8, 10.6.2.

Age: 3 +

71⁹⁵ 2331866



E





A. ProScope - Basic set

The ProScope is a USB handheld digital microscope designed for both PC and Macintosh platforms. With a high-quality ccd and universal lens mount, the ProScope can become a powerful asset to any classroom or lab. Interchangeable lenses provide the ProScope with tremendous versatility. With the 1-10X lens, the ProScope becomes a high-quality video camera. Find something you like? With the press of a button, the camera captures the images and stores it as a file in the location of your choosing. The powerful software included with the ProScope provides sophisticated video capture as well. With these options, the possible uses of the ProScope are endless. Includes drivers for Mac and PC.

HR	302 ⁹⁵	2335859
HR2	376 ⁹⁵	2335982
Mobile	481 ⁹⁵	2331460

Lens tube adaptor

This device is needed to attach the ProScope to a table microscope with a 16 mm C-mount. 29⁹⁵ 2335909

B. C-Mount adaptor

If your microscope does not have a C-mount, this device connects the ProScope HR with C-mount adaptor (see 2335909) to your table microscope. 144⁹⁵ 2336584

Accessories

1-10 A lens (webcam) With LED lighting.	198 ⁹⁵	2335891
30 X lens		
Non-reflective for perfect shots on shiny surfaces such as glass or metal.	211 ⁹⁵	2335834
100 X lens	198 ⁹⁵	2335883
200 X lens	198 ⁹⁵	2335875
400 X lens	331 ⁹⁵	2337301
Sturdy case	66 ⁵⁰	2339208

C. ProScope - CSI Science set

This set includes the Basic ProScope HR device (with the 50 X lens and software) plus the following accessories: 1-10 X lens, 200 X lens and deluxe stand. All in a sturdy, padded case.

HR	903 ⁹⁵	2337319
HR2	979 ⁹⁵	2339380
Mobile	1067 ⁹⁵	2331445

D. ProScope - Lab set

This set includes everything listed in the Scientific set, plus a C-mount adaptor and Lens tube adaptor to make it fit on a table microscope.

HR	992 ⁹⁵	2336816
HR2	1096 ⁹⁵	2338614
Mobile	1198 ⁹⁵	2331452
Flexible stand	131 ⁹⁵	2338630

ProScope HR / HR2 / Mobile

Interchangeable lenses provide the ProScope with tremendous versatility.

With the 1-10X lens, the ProScope becomes a high-quality video camera.

Find something you like? With the press of a button, the camera captures the images and stores it as a file in the location of your choosing. The powerful software included with the ProScope provides sophisticated video capture as well. With these options, the possible uses of the ProScope are endless. Includes drivers for Mac and PC.

Proscope HR



Maximum resolution	1280 x 1024 pixels
USB cable	Yes
Alimentation	USB Powered
Computer Specs	Windows XP service pack 2+, Windows 7 Mac OS 10.4.8 or better. High speed USB required.

Proscope HR2



Maximum resolution	1600 x 1200 pixels
USB cable	Yes
Alimentation	USB Powered
Computer Specs	Windows XP service pack 2+, Windows 7 Mac OS 10.4.8 or better. High speed USB required.

Proscope Mobile



Maximum resolution	640 x 480 pixels
USB cable	No. Wireless.
Alimentation	3 AA Batteries.
Computer Specs	Apple OS for iPod touch, iPad and iPhone.



INFO

SPECS HR and HR2

Proscope HR

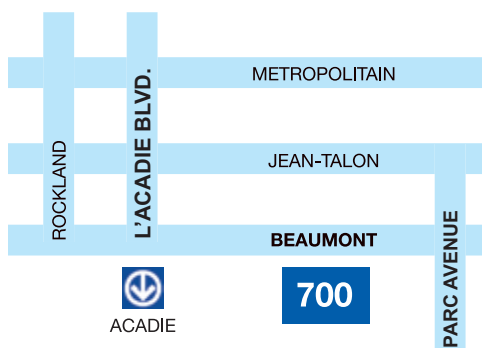
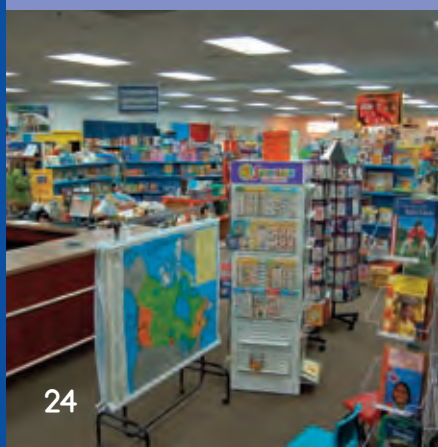
Technical specifications

Possible magnifications (depending on the different lens installed): from 1x to 400x
Resolution: from 320x240 to 1280x1024 (1600x1200 for the HR2)

System requirements

PC Pentium 4 – Windows XP or later; Quicktime 7 or later; high speed USB2 port required.
MAC G4 or later with MAC 10.4.8 or later; Quicktime 7 or later; high speed USB2 port required.

www.bbschoolsupplies.com



B B **B&B School Supplies**

Store hours

Monday to Wednesday	9am to 6pm
Thursday and Friday	9am to 9pm
Saturday	9am to 5pm
Sunday	12pm to 5pm

Consult our web site for our summer schedule.